

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Sample ID	ADWS-ARP-150808-11	ADWS-IT1-150808-11	ADWS-IT2-150808-11	FWS-ARP2-150808-11
			Date	8/8/2015	8/8/2015	8/8/2015	8/8/2015
			Review Status	Preliminary	Preliminary	Preliminary	Preliminary
<b>Metals, Dissolved</b>							
Aluminum, Dissolved	7429-90-5	ug/L	--	< 24 U	< 24 U	< 24 U	< 24 U
Calcium, Dissolved	7440-70-2	ug/L	--	<b>61000</b>	<b>60000</b>	<b>57000</b>	<b>66000</b>
Iron, Dissolved	7439-89-6	ug/L	--	< 17 U	< 17 U	< 17 U	< 17 U
Magnesium, Dissolved	7439-95-4	ug/L	--	<b>8100</b>	<b>8100</b>	<b>7800</b>	<b>8300</b>
Mercury, Dissolved	7439-97-6	ug/L	--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
Potassium, Dissolved	7440-09-7	ug/L	--	<b>2200</b>	<b>2100</b>	<b>2300</b>	<b>2200</b>
Sodium, Dissolved	7440-23-5	ug/L	--	<b>14000</b>	<b>13000</b>	<b>13000</b>	<b>16000</b>
<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L	--	<b>4200</b>	<b>2800</b>	<b>1900</b>	<b>5300 F1</b>
Calcium, Total	7440-70-2	ug/L	--	<b>69000</b>	<b>67000</b>	<b>61000</b>	<b>69000</b>
Iron, Total	7439-89-6	ug/L	--	<b>15000</b>	<b>10000</b>	<b>6000</b>	<b>16000</b>
Magnesium, Total	7439-95-4	ug/L	--	<b>9400</b>	<b>9100</b>	<b>8400</b>	<b>9400</b>
Mercury, Total	7439-97-6	ug/L	--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
Potassium, Total	7440-09-7	ug/L	--	<b>3700</b>	<b>3200</b>	<b>2900</b>	<b>4000</b>
Sodium, Total	7440-23-5	ug/L	--	<b>15000</b>	<b>14000</b>	<b>13000</b>	<b>17000</b>
<b>General</b>							
pH	pH	SU	--	<b>8.04 HF</b>	<b>8.06 HF</b>	<b>8.13 HF</b>	<b>8.1 HF</b>
Total Hardness	Thardness	mg/L	--	<b>210</b>	<b>200</b>	<b>190</b>	<b>210</b>

Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

SU - Standard Units (pH)

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Sample ID	FWS-FDPS-150808-11	LVW-FD-150808-11	LVW-WPI-150808-11	MWSS-ARI-150808-11
			Date	8/8/2015	8/8/2015	8/8/2015	8/8/2015
			Review Status	Preliminary	Preliminary	Preliminary	Preliminary
<b>Metals, Dissolved</b>							
Aluminum, Dissolved	7429-90-5	ug/L	--	< 24 U	<b>390</b>	<b>270</b>	< 24 U
Calcium, Dissolved	7440-70-2	ug/L	--	<b>66000</b>	<b>52000</b>	<b>51000</b>	<b>67000</b>
Iron, Dissolved	7439-89-6	ug/L	--	< 17 U	<b>220</b>	<b>150</b>	< 17 U
Magnesium, Dissolved	7439-95-4	ug/L	--	<b>8400</b>	<b>6600</b>	<b>6500</b>	<b>8600</b>
Mercury, Dissolved	7439-97-6	ug/L	--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
Potassium, Dissolved	7440-09-7	ug/L	--	<b>2200</b>	<b>2500</b>	<b>2500</b>	<b>2200</b>
Sodium, Dissolved	7440-23-5	ug/L	--	<b>16000</b>	<b>20000</b>	<b>19000</b>	<b>16000</b>
<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L	--	<b>5000</b>	<b>22000</b>	<b>29000</b>	<b>4600</b>
Calcium, Total	7440-70-2	ug/L	--	<b>70000</b>	<b>64000</b>	<b>67000</b>	<b>68000</b>
Iron, Total	7439-89-6	ug/L	--	<b>14000</b>	<b>30000</b>	<b>36000</b>	<b>14000</b>
Magnesium, Total	7439-95-4	ug/L	--	<b>9600</b>	<b>11000</b>	<b>12000</b>	<b>9200</b>
Mercury, Total	7439-97-6	ug/L	--	< 0.08 U	<b>0.089 J</b>	< 0.08 U	< 0.08 U
Potassium, Total	7440-09-7	ug/L	--	<b>3800</b>	<b>7000</b>	<b>8400</b>	<b>3600</b>
Sodium, Total	7440-23-5	ug/L	--	<b>17000</b>	<b>22000</b>	<b>21000</b>	<b>16000</b>
<b>General</b>							
pH	pH	SU	--	<b>8.1 HF</b>	<b>8.03 HF</b>	<b>8.02 HF</b>	<b>8.12 HF</b>
Total Hardness	Thardness	mg/L	--	<b>210</b>	<b>210</b>	<b>220</b>	<b>210</b>

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ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units	Sample ID	NSW-ARI-150808-11
			Date	8/8/2015
			Review Status	Preliminary
<b>Metals, Dissolved</b>				
Aluminum, Dissolved	7429-90-5	ug/L	--	< 24 U
Calcium, Dissolved	7440-70-2	ug/L	--	<b>58000</b>
Iron, Dissolved	7439-89-6	ug/L	--	< 17 U
Magnesium, Dissolved	7439-95-4	ug/L	--	<b>7900</b>
Mercury, Dissolved	7439-97-6	ug/L	--	< 0.08 U
Potassium, Dissolved	7440-09-7	ug/L	--	<b>2200</b>
Sodium, Dissolved	7440-23-5	ug/L	--	<b>12000</b>
<b>Metals, Total</b>				
Aluminum, Total	7429-90-5	ug/L	--	<b>2200</b>
Calcium, Total	7440-70-2	ug/L	--	<b>63000</b>
Iron, Total	7439-89-6	ug/L	--	<b>8300</b>
Magnesium, Total	7439-95-4	ug/L	--	<b>8700</b>
Mercury, Total	7439-97-6	ug/L	--	< 0.08 U
Potassium, Total	7440-09-7	ug/L	--	<b>3000</b>
Sodium, Total	7440-23-5	ug/L	--	<b>13000</b>
<b>General</b>				
pH	pH	SU	--	<b>8.12 HF</b>
Total Hardness	Thardness	mg/L	--	<b>190</b>

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